

Appln. No. 09/739,950

Attorney Docket No. 10541-1960

I. Amendments to the Claims

1. (Currently amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein; and

a plurality of offset louvers spaced along said base and extending in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner to direct fluid through the turbulators generally in the direction parallel to the longitudinal axis, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip, ~~fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.~~

2. (Currently amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner to direct fluid through the turbulators generally in the direction parallel to the longitudinal axis, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said offset louvers extend longitudinally a predetermined distance, ~~and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.~~

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3. (Currently amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner to direct fluid through the turbulators generally in the direction parallel to the longitudinal axis, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said offset louvers are spaced laterally a predetermined distance along said base, ~~and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.~~

4. (Currently amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner to direct fluid through the turbulators generally in the direction parallel to the longitudinal axis, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said louvers extend generally perpendicular to said base a predetermined distance, ~~and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.~~

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5. (Currently amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins having a base extending laterally and in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner to direct fluid through the turbulators generally in the direction parallel to the longitudinal axis, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said offset louvers have a generally inverted "U" cross-sectional shape, ~~and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.~~